

# First Steps - Run Initial Setup and Install Latest Software/Security Patches

In this section:

- Overview
- Before you Begin - Latest Security Bulletins/Software/Security Patches Available
  - Security Bulletins
  - Latest Software and Security Patches
- Run Initial Setup and Install Latest Software/Security Patches on New SBC
  - For Systems with SBA (Survivable Branch Appliance)
  - For Systems with Cloud Connector Edition (CCE)
  - For Systems without SBA or CCE
- Install Latest Software/Security Patches on Existing SBC
  - For Systems with SBA (Survivable Branch Appliance)
  - For Systems with Cloud Connector Edition (CCE)
  - For Systems without SBA or CCE

## Overview

This page provides information and instructions for running the initial setup of a new SBC 1000/2000, as well as how to locate and install the latest software and security patches on a new or existing SBC. Installing the latest updates keeps the SBC up-to-date and minimizes exposure to security threats and cyber attacks.

Review [Before you Begin - Latest Security Bulletins/Software/Security Patches Available](#) and then select an option below that matches your system status.

**Table 1:** Run Initial Setup/Install Software - How to Proceed

Do you have...	Click
A new unit out of the box that contains an SBA (Survivable Branch Appliance)	<a href="#">Run Initial Setup for Systems with SBA</a>
A new unit out of the box that contains a Cloud Connector Edition (CCE)	<a href="#">Run Initial Setup for Systems with Cloud Connector Edition (CCE)</a>
A new unit out of the box (no SBA or CCE)	<a href="#">Run Initial Setup for Systems without SBA or CCE</a>
An existing SBC with an SBA (Survivable Branch Appliance)	<a href="#">Install Software/Security Patches for Existing Systems with SBA</a>
An existing SBC with a Cloud Connector Edition (CCE)	<a href="#">Install Software/Security Patches for Existing Systems with Cloud Connector Edition (CCE)</a>
An existing SBC (no SBA or CCE)	<a href="#">Install Software/Security Patches for Existing Systems without SBA or CCE</a>

## Before you Begin - Latest Security Bulletins/Software/Security Patches Available

### Security Bulletins

Security Vulnerability Bulletins provide information for protecting the SBC against specific security threats. To view the latest information about security bulletins impacting Sonus products, refer to [Latest Support News](#).

## Latest Software and Security Patches

The tables below lists the latest software and security updates available. Ensure you have the latest software installed to protect the SBC against vulnerability to security threats.

All software and security updates are available from [Ribbon Support Portal](#).

**Table 2:** Latest Software Release

**Table 3:** Latest Security Patches - ASM Roll-up

Release	File
ASM Roll-Up	ASM-ROLL-UP-UPDATES_2019-09.zip

**Table 4:** Latest Security Patches - Cumulative Updates

Release	Release Date	More Information
Lync Server 2010	June 2019	<a href="#">KB2493736</a>
Lync Server 2013	September 2019	<a href="#">KB2809243</a>
Skype for Business 2015	August 2019	<a href="#">KB3061064</a>

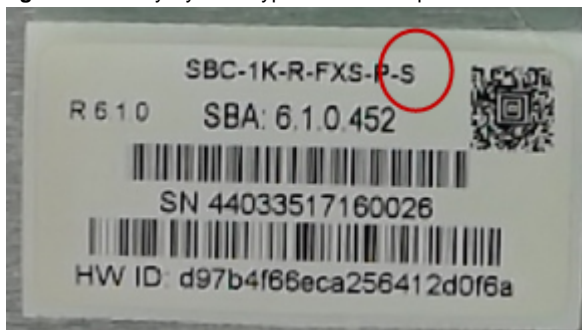
## Run Initial Setup and Install Latest Software/Security Patches on New SBC

You must run initial setup on a new SBC 1000/2000 directly out of the box, and install the latest software/security patches. If you are unsure of the ASM type included in your system, **SBA** (Survivable Branch Appliance) or **CCE** (Cloud Connector Edition), consult the product code sticker on the bottom of the unit.

ASM Type	Reference at the end of the product code
CCE	-CL
SBA	-S

See below for an SBA example :

**Figure 1:** Identify System Type - SBA Example




 The software files referenced below are examples only; see [Latest Software and Security Patches](#).


## For Systems with SBA (Survivable Branch Appliance)

Running initial setup and installing software apply to a new SBC that contains an SBA (Survivable Branch Appliance).

1. Follow the installation and setup instructions in the Quick Start card ([SBC 1000 Quick Start](#) or [SBC 2000 Quick Start](#)) included with the device.
2. Run initial setup. Refer to [Running Initial Setup](#).
3. Determine the software release version installed on the SBC. Refer to [Viewing the Software Version and Hardware ID](#).
4. If required, download the latest software from the [Ribbon Support Portal](#). For instructions, refer to the [Sonus SBC Edge Download Center](#).
  - a. **SBC Comms** – UXCOMMSVC-releaseX.X.X.buildxxx.zip
  - b. **SBC Software** – SBC 1000 (sbc1000-release-X.X.X.buildXXX.img), SBC 2000 (sbc2000-release-X.X.X.buildXXX.img).
  - c. **ASM Roll-up** – ASM-ROLLUP-UPDATESXXX-XX.zip
  - d. **ASM Cumulative Updates** – ASM-UPDATES-XXX\_YYY-ZZZ\_UX1k2k-release3.0.x-and-later.zip

 To identify the most current software, see [Ribbon Support Portal](#).

5. Upgrade the SBC Comms. Refer to [Upgrading the SBC Communication Service Version](#).
6. Upgrade the SBC software. Refer to [Upgrading or Downgrading the SBC 1000/2000](#).
7. Upload and apply the ASM Roll-up. Refer to [ASM Roll-up Update](#).

 To apply the ASM Roll-up, internet access is required. An alternative approach is to apply the ASM updates using a WSUS server deployed by your Enterprise. Refer to [Installing a WSUS](#).

8. For the Skype/Lync SBA, download and apply the latest Cumulative Updates. Refer to [Installing Cumulative Updates for Lync SBA](#).
9. Apply the Sonus-approved Sophos Antivirus software (if desired). Refer to [Installing Sophos Antivirus and Ransomware Protection on the ASM](#).

## For Systems with Cloud Connector Edition (CCE)

Running initial setup and installing software apply to a new SBC that contains a Cloud Connector Edition (CCE).


1. Follow the installation and setup instructions in the Quick Start card ([SBC 1000 Quick Start](#) or [SBC 2000 Quick Start](#)) included with the device.
2. Run initial setup. Refer to [Running Initial Setup](#).
3. Determine the software release version installed on the SBC. Refer to [Viewing the Software Version and Hardware ID](#).
4. If required, download the latest software from the [Ribbon Support Portal](#). For instructions, refer to the [Sonus SBC Edge Download Center](#).
  - a. **SBC Software** – SBC 1000 (sbc1000-release-x.x.x.buildxxx.img), SBC 2000 (sbc2000-release-x.x.x.buildxxx.img)
5. Upgrade the SBC software. Refer to [Upgrading or Downgrading the SBC 1000/2000](#).
6. Configure the SBC for CCE-related data. Refer to [Integrating With Office 365](#).
7. Apply the Sonus-approved Sophos Antivirus software (if desired). Refer to [Installing Sophos Antivirus and Ransomware Protection on the ASM](#).

## For Systems without SBA or CCE

Running initial setup and installing software apply to a new SBC that contains an SBA (Survivable Branch Appliance).

1. Follow the installation and setup instructions in the Quick Start card ([SBC 1000 Quick Start](#) or [SBC 2000 Quick Start](#)) included with the device.
2. Run initial setup. Refer to [Running Initial Setup](#).


3. Determine the software release version installed on the SBC. Refer to [Viewing the Software Version and Hardware ID](#).
4. If required, download the latest software from the [Ribbon Support Portal](#). For instructions, refer to the [Sonus SBC Edge Download Center](#).
  - a. **SBC Software** – SBC 1000 (sbc1000-release-X.X.X.buildXXX.img), SBC 2000 (sbc2000-release-X.X.X.buildXXX.img)

 To identify the most current software, see [Ribbon Support Portal](#).

5. Upgrade the SBC software. Refer to [Upgrading or Downgrading the SBC 1000/2000](#).

## Install Latest Software/Security Patches on Existing SBC


The SBC 1000/2000 provides software updates and firmware to protect your network, equipment, data and information. An integral aspect of SBC security is ensuring that the latest security patches and software updates are installed on the SBC. ASM Roll-ups and Cumulative Updates protect your system from vulnerability to malicious viruses and other system security threats.

-  To identify the the ASM type included in the system, **SBA** (Survivable Branch Appliance) or **Cloud Connector Edition** (CCE):
- In the WebUI, go to **Tasks > Operational Status**. The ASM image type is listed under **Status - Image Description**. Refer to [Viewing Status for the SBA and ASM](#).


-  The software files referenced below are examples only; see [Latest Software and Security Patches](#).

## For Systems with SBA (Survivable Branch Appliance)


Installing the latest software/security patches apply to an existing SBC that contains an SBA (Survivable Branch Appliance).

-  **Prerequisites**
- SBA updates are completed through the ASM Roll-up packages and Cumulative Updates.
  - These instructions assume your system is up and running.

1. Determine the software release version installed on the SBC. Refer to [Viewing the Software Version and Hardware ID](#).
2. For the latest software and security patches, download the necessary files from the [Ribbon Support Portal](#). For instructions, refer to the [Sonus SBC Edge Download Center](#).
  - a. **SBC Comms** – UXCOMMSVC-releaseX.X.X.buildXXX.zip
  - b. **SBC Software** –SBC 1000 (sbc1000-release-X.X.X.buildXXX.img), SBC 2000 (sbc2000-release-X.X.X.buildXXX.img)
  - c. **ASM Roll-up** – ASM-ROLLUP-UPDATESXXX-XX.zip
  - d. **ASM Cumulative Updates** – ASM-UPDATES-XXX\_YYY-ZZZ\_UX1k2k-release3.0.x-and-later.zip

 To identify the most current software, see [Ribbon Support Portal](#).

3. Upgrade the SBC Comms. Refer to [Upgrading the SBC Communication Service Version](#).
4. Upgrade the SBC Software. Refer to [Upgrading or Downgrading the SBC 1000/2000](#).
5. Upload and apply the ASM Roll-up. Refer to [ASM Roll-up Update](#).

-  To apply the ASM Roll-up, internet access is required. An alternative approach is to apply ASM updates using a WSUS server deployed by your Enterprise. Refer to [Installing a WSUS](#).

6. For the ASM deployed as a Skype/Lync SBA, download and apply the latest Cumulative Updates. Refer to [Installing Cumulative Updates for Lync SBA](#).
7. Apply the Sonus-approved Sophos Antivirus software (if desired). Refer to [Installing Sophos Antivirus and Ransomware Protection on the ASM](#).

## For Systems with Cloud Connector Edition (CCE)

These instructions for installing the latest software/security patches apply to an existing SBC that contains a Cloud Connector Edition (CCE).

### CCE Configuration – How Updates are Installed

Two updates are required:

**Cloud Connection Edition Update.** Auto-configured when a new release of Cloud connector is available from Microsoft.


**Windows update for Host and VM.** Covers all Windows updates released by Microsoft that apply on the Host or VM; these can be configured as automatic or manual.

Update the CCE as follows:

1. Determine the software release version installed on the SBC. See [Viewing the Software Version and Hardware ID](#).
2. For the latest software, download the necessary files from the [Ribbon Support Portal](#). Refer to the [Sonus SBC Edge Download Center](#).
  - a. SBC Firmware – SBC 1000 (sbc1000-release-X.X.X.buildXXX.img), SBC 2000 (sbc2000-release-X.X.X.buildXXX.img)
3. Verify the configuration for accepting CCE automatic updates. Refer to [Managing Your Office 365 Tenant](#).
4. Verify the configuration for accepting Windows updates automatically or manually. Refer to [Managing Your Office 365 Tenant](#).

## For Systems without SBA or CCE

1. Determine the software release version installed on the SBC. Refer to [Viewing the Software Version and Hardware ID](#).
2. For the latest software and security patches, download the necessary files from the [Ribbon Support Portal](#). For instructions, refer to the [Sonus SBC Edge Download Center](#).
  - a. **SBC Software** –SBC 1000 (sbc1000-release-X.X.X.buildXXX.img), SBC 2000 (sbc2000-release-X.X.X.buildXXX.img)

 To identify the most current software, see [Ribbon Support Portal](#).

3. Upgrade the SBC Software. Refer to [Upgrading or Downgrading the SBC 1000/2000](#).

